

Table 3-6
Inventory of Bird Observations in the Newark Bay Study Area

Species	Observed Locations				
	Passaic River	Hackensack River	Newark Bay	Arthur Kill	Kill van Kull
Loons					
Loon, common	—	✓	✓	✓	—
Loon, red-throated	—	✓	—	✓	—
Grebes					
Grebe, eared	—	—	—	✓	—
Grebe, horned	—	✓	—	✓	—
Grebe, pied-billed	—	✓	—	✓	—
Pelicaniformes					
Cormorant, double-crested	✓	✓	✓	✓	✓
Cormorant, great	—	—	—	✓	—
Pelican, brown	—	—	—	✓	—
Wading Birds					
Bittern, American	—	✓	—	✓	—
Bittern, least	—	✓	—	✓	—
Egret, cattle	—	✓	✓	✓	✓
Egret, great	✓	✓	✓	✓	✓
Egret, snowy	✓	✓	✓	✓	✓
Heron, black-crowned night	✓	✓	✓	—	✓
Heron, great blue	✓	✓	—	✓	—
Heron, green	✓	✓	✓	✓	✓
Heron, little blue	✓	✓	✓	✓	✓
Heron, tricolored	—	✓	✓	✓	✓
Heron, yellow-crowned night	—	✓	✓	✓	—
Ibis, glossy	—	✓	✓	✓	✓
Swans, Geese and Ducks					
Brant	—	✓	✓	✓	—
Bufflehead	—	✓	—	✓	—
Canvasback	—	✓	✓	✓	—
Duck, American black	✓	✓	—	✓	✓
Duck, fulvous whistling	—	✓	—	—	—
Duck, long-tailed	—	✓	—	✓	—
Duck, ring-necked	—	✓	—	—	—
Duck, ruddy	—	✓	—	✓	—
Duck, wood	✓	✓	—	✓	—
Gadwall	—	✓	✓	✓	✓
Goldeneye, common	—	✓	—	✓	—
Goose, Canada	✓	✓	✓	✓	✓
Goose, snow	—	✓	—	—	—
Mallard	✓	✓	✓	✓	✓
Merganser, common	✓	—	—	✓	—
Merganser, hooded	—	✓	—	✓	—
Merganser, red-breasted	—	✓	—	✓	—
Northern pintail	—	✓	—	✓	—
Northern shoveler	—	✓	—	✓	—
Redhead	—	✓	—	—	—
Scaup, greater	—	✓	✓	✓	—
Scaup, lesser	—	✓	—	✓	—
Scoter, black	✓	—	—	✓	—
Scoter, surf	—	✓	—	✓	—
Scoter, white-winged	✓	✓	—	✓	—

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Swan, mute	—	✓	—	✓	—
Swan, tundra	—	✓	—	—	—
Teal, blue-winged	—	✓	—	✓	—
Teal, green-winged	—	✓	—	✓	—
Wigeon, American	—	—	—	✓	—
Diurnal Raptors					
American kestrel	✓	✓	✓	✓	—
Bald eagle	—	✓	✓	—	—
Falcon, peregrine	✓	✓	✓	✓	—
Hawk, broad-winged	—	✓	✓	✓	—
Hawk, Cooper's	—	✓	✓	✓	—
Hawk, red-shouldered	—	✓	✓	✓	—
Hawk, red-tailed	✓	✓	✓	✓	—
Hawk, rough-legged	—	✓	—	✓	—
Hawk, sharp-shinned	—	✓	✓	✓	—
Merlin	—	✓	✓	✓	—
Northern goshawk	—	✓	—	—	—
Northern harrier	—	✓	✓	✓	✓
Osprey	✓	✓	✓	✓	—
Vulture, turkey	—	✓	✓	✓	—
Upland Game Birds					
Pheasant, ring-necked	—	✓	—	✓	✓
Gruiformes					
American coot	—	✓	—	✓	—
Common moorhen	—	✓	—	✓	✓
Rail, clapper	—	✓	—	✓	—
Rail, king	—	✓	—	—	—
Rail, Virginia	—	✓	—	✓	✓
Rail, yellow	—	✓	—	—	—
Sora	—	✓	—	✓	—
Shorebirds					
American avocet	—	✓	—	—	—
American oystercatcher	—	—	✓	—	—
American woodcock	—	✓	✓	✓	—
Common snipe	—	✓	—	✓	—
Dunlin	—	✓	—	✓	—
Dowitcher, long-billed	—	✓	—	✓	—
Dowitcher, short-billed	—	✓	—	—	—
Godwit, Hudsonian	—	✓	—	—	—
Godwit, marbled	—	✓	—	—	—
Killdeer	✓	✓	—	✓	—
Phalarope, red	—	✓	—	—	—
Phalarope, Wilson's	—	✓	—	—	—
Plover, American golden	—	✓	✓	—	—
Plover, black-bellied	—	✓	—	✓	—
Plover, semipalmated	—	✓	—	✓	—
Red knot	—	✓	—	✓	—
Ruff	—	✓	—	—	—
Sanderling	—	✓	—	✓	—
Sandpiper, Baird's	—	✓	—	—	—

Sandpiper, buff-breasted	—	✓	—	—	—
Sandpiper, curlew	—	✓	—	—	—
Sandpiper, least	✓	✓	—	✓	—
Sandpiper, pectoral	—	✓	—	✓	—
Sandpiper, purple	—	—	—	✓	—
Sandpiper, semipalmated	—	✓	—	✓	—
Sandpiper, solitary	—	✓	—	✓	—
Sandpiper, spotted	✓	✓	✓	✓	✓
Sandpiper, stilt	—	✓	—	—	—
Sandpiper, upland	—	✓	✓	—	—
Sandpiper, western	—	✓	—	—	—
Sandpiper, white-rumped	—	✓	—	—	—
Stilt, black-necked	—	✓	—	—	—
Turnstone, ruddy	—	✓	—	✓	—
Whimbrel	—	✓	—	✓	—
Willet	—	✓	—	✓	—
Yellowlegs, greater	✓	✓	—	✓	—
Yellowlegs, lesser	✓	✓	—	—	—
Gulls, Terns and Skimmers					
Gull, great black-backed	✓	✓	✓	✓	✓
Gull, Bonaparte's	—	✓	—	✓	—
Gull, common black-headed	✓	✓	—	✓	—
Gull, glaucus	—	✓	—	✓	—
Gull, herring	✓	✓	✓	✓	✓
Gull, Iceland	—	✓	—	—	—
Gull, laughing	✓	✓	✓	✓	—
Gull, little	—	—	—	✓	—
Gull, ring-billed	✓	✓	✓	✓	—
Skimmer, black	—	✓	—	—	—
Tern, black	—	✓	—	✓	—
Tern, Caspian	—	✓	—	✓	—
Tern, common	—	✓	✓	✓	—
Tern, Forster's	—	✓	—	✓	—
Tern, gull-billed	—	✓	—	✓	—
Tern, least	—	✓	✓	✓	—
Tern, roseate	—	✓	—	✓	—
Tern, royal	—	✓	—	—	—
Pigeons and Doves					
Dove, mourning	✓	✓	✓	✓	—
Dove, rock	✓	✓	✓	✓	✓
Cuckoos and their Allies					
Cuckoo, black-billed	—	✓	—	✓	—
Cuckoo, yellow-billed	—	✓	✓	✓	—

Owls					
Owl, barn	—	✓	—	✓	—
Owl, barred	—	—	—	✓	—
Owl, eastern-screech	—	✓	—	—	—
Owl, great horned	—	✓	—	✓	—
Owl, long-eared	—	✓	—	—	—
Owl, short-eared	—	✓	—	✓	—
Owl, snowy	—	✓	—	—	—
Goatsuckers and Swifts					
Chimney swift	—	✓	—	✓	—
Nighthawk, common	—	✓	—	✓	—
Hummingbirds					
Hummingbird, ruby-throated	—	✓	—	✓	—
Kingfishers					
Kingfisher, belted	✓	✓	✓	✓	✓
Woodpeckers					
Flicker, northern	—	✓	—	✓	✓
Sapsucker, yellow-bellied	—	✓	—	✓	✓
Woodpecker, hairy	—	✓	—	—	—
Woodpecker, red-bellied	—	—	—	✓	—
Woodpecker, downy	—	✓	✓	✓	✓
Woodpecker, red-headed	—	✓	—	—	—
Tyrant Flycatchers					
Eastern wood-pewee	—	✓	—	✓	—
Flycatcher, great-crested	—	✓	—	✓	—
Flycatcher, least	—	✓	—	✓	—
Flycatcher, olive-sided	—	—	—	✓	—
Flycatcher, willow	—	—	—	✓	—
Flycatcher, yellow-bellied	—	✓	—	✓	—
Kingbird, eastern	✓	✓	—	✓	—
Kingbird, western	—	✓	✓	—	—
Phoebe, eastern	—	✓	—	✓	✓
Wood-pewee, eastern	—	—	—	✓	—
Shrikes and Vireos					
Shrike, northern	—	✓	—	—	—
Vireo, red-eyed	—	✓	—	✓	✓
Vireo, solitary	—	✓	—	✓	—
Vireo, warbling	—	✓	✓	✓	—
Vireo, white-eyed	—	✓	—	—	—
Vireo, yellow-throated	—	✓	—	—	—
Jays, Crows and their Allies					
Crow, American	✓	✓	✓	✓	—
Crow, fish	✓	✓	✓	✓	—
Jay, blue	✓	✓	—	✓	—
Larks					
Lark, horned	—	✓	—	—	—

Swallows					
Purple martin	—	✓	✓	—	—
Swallow, bank	—	✓	—	✓	—
Swallow, barn	✓	✓	✓	✓	—
Swallow, cliff	—	✓	—	—	—
Swallow, northern rough-winged	✓	✓	—	✓	—
Swallow, tree	—	✓	✓	✓	—
Chickadees and their Allies					
Chickadee, black-capped	—	✓	—	✓	—
Titmouse, tufted	—	✓	—	✓	—
Nuthatches and Creepers					
Brown creeper	—	✓	—	✓	—
Nuthatch, red-breasted	—	✓	—	✓	—
Nuthatch, white-breasted	—	✓	—	✓	—
Wrens					
Wren, Carolina	—	✓	✓	✓	—
Wren, house	—	✓	✓	✓	✓
Wren, marsh	—	✓	—	✓	—
Wren, sedge	—	✓	—	—	—
Wren, winter	—	✓	—	✓	—
Old World Warblers, Thrushes and their Allies					
Robin, American	—	✓	—	✓	✓
Gnatcatcher, blue-gray	—	✓	—	✓	—
Kinglet, golden-crowned	—	✓	—	✓	✓
Kinglet, ruby-crowned	—	✓	—	✓	✓
Thrush, gray-cheeked	—	✓	✓	✓	—
Thrush, hermit	—	✓	—	✓	✓
Thrush, Swainson's	—	✓	✓	✓	✓
Thrush, wood	—	✓	—	✓	—
Veery	—	✓	—	✓	—
Mimids					
Brown thrasher	—	✓	—	✓	✓
Catbird, gray	✓	✓	✓	✓	✓
Mockingbird, northern	✓	✓	—	✓	—
Starlings and Minas					
Starling, European	✓	✓	✓	✓	—
Wagtails and Pipits					
American pipit	—	✓	—	—	—
Waxwings					
Waxwing, cedar	—	✓	—	✓	✓
Wood-Warblers					
American redstart	—	✓	✓	✓	✓
Chat, yellow-breasted	—	—	✓	—	—
Northern parula	—	✓	—	✓	—
Ovenbird	—	✓	—	✓	✓
Warbler, bay-breasted	—	✓	—	✓	—
Warbler, black-and-white	—	✓	✓	✓	✓
Warbler, blackburnian	—	✓	—	✓	—
Warbler, blackpoll	—	✓	—	✓	✓
Warbler, black-throated blue	—	✓	✓	✓	✓
Warbler, black-throated green	—	✓	—	✓	—

Warbler, blue-winged	—	✓	—	✓	✓
Warbler, Canada	—	✓	—	✓	—
Warbler, Cape May	—	✓	—	✓	—
Warbler, cerulean	—	—	✓	✓	—
Warbler, chestnut-sided	—	✓	—	✓	✓
Warbler, Connecticut	—	✓	✓	✓	✓
Warbler, golden-winged	—	—	✓	—	—
Warbler, hooded	—	—	✓	✓	—
Warbler, Kentucky	—	—	—	✓	—
Warbler, magnolia	—	✓	✓	✓	✓
Warbler, mourning	—	—	✓	✓	—
Warbler, Nashville	—	✓	—	✓	✓
Warbler, orange-crowned	—	✓	—	—	—
Warbler, palm	—	✓	—	✓	✓
Warbler, pine	—	—	✓	—	—
Warbler, prairie	—	✓	—	✓	—
Warbler, prothonotary	—	—	—	✓	—
Warbler, Tennessee	—	✓	—	✓	—
Warbler, Wilson's	—	✓	—	—	✓
Warbler, worm-eating	—	—	✓	✓	—
Warbler, yellow	—	✓	✓	✓	—
Warbler, yellow-rumped	—	✓	—	✓	✓
Warbler, yellow-throated	—	—	✓	✓	—
Waterthrush, Louisiana	—	✓	—	✓	—
Waterthrush, northern	—	✓	✓	✓	✓
Yellowthroat, common	—	✓	—	✓	✓

Tanagers, Cardinals and their Allies

Bunting, indigo	—	✓	—	✓	—
Dickcissel	—	✓	—	—	—
Grosbeak, blue	—	✓	—	—	—
Grosbeak, rose-breasted	—	✓	—	✓	—
Northern cardinal	✓	✓	—	✓	—
Tanager, scarlet	—	✓	—	✓	—

Emberizine Sparrows and their Allies

Bunting, snow	—	✓	—	—	—
Junco, dark-eyed	—	✓	—	✓	✓
Longspur, lapland	—	✓	—	—	—
Sparrow, American tree	✓	✓	—	✓	—
Sparrow, chipping	—	✓	—	✓	—
Sparrow, field	—	✓	—	✓	✓
Sparrow, fox	—	✓	✓	—	—
Sparrow, Lincoln's	—	✓	✓	—	—
Sparrow, Savannah	—	✓	—	✓	—
Sparrow, seaside	—	✓	—	✓	—
Sparrow, sharp-tailed	—	✓	—	✓	—
Sparrow, song	✓	✓	✓	✓	✓
Sparrow, swamp	—	✓	—	✓	✓
Sparrow, vesper	—	✓	—	—	—
Sparrow, white-crowned	—	✓	—	✓	—
Sparrow, white-throated	✓	✓	—	✓	✓

Towhee, eastern	—	✓	—	✓	✓
<i>Icterids</i>					
Blackbird, red-winged	✓	✓	—	✓	—
Blackbird, rusty	—	✓	—	—	—
Blackbird, yellow-headed	—	✓	—	—	—
Bobolink	—	✓	—	—	—
Cowbird, brown-headed	—	✓	—	✓	—
Eastern meadowlark	—	✓	—	✓	—
Grackle, common	✓	✓	✓	✓	—
Grackle, boat-tailed	—	—	—	✓	—
Oriole, Baltimore	—	✓	✓	✓	—
Oriole, orchard	—	—	✓	—	—
<i>Finches and Old World Sparrows</i>					
Common redpoll	—	✓	—	—	—
Finch, house	✓	✓	—	✓	—
Finch, purple	—	✓	—	✓	—
Goldfinch, American	✓	✓	✓	✓	✓
Siskin, pine	—	✓	—	✓	—
Sparrow, house	✓	✓	—	✓	—
Total Number of Species	49	248	81	213	59

Notes:

1. ✓ indicates species was observed during any of the following surveys: Tierra (2004), Ludwig et al. (2010), Kerlinger (2004), Bernick (2007), Bernick and Craig (2008), Mizrahi et al. (2006).
2. The Passaic River Bird Survey was conducted on the lower six miles of the river.
3. The residency column differentiates between known resident species (R), putative resident species (P), migratory species (M), transient species (T), or unknown residency (U) in the Newark Bay Study Area. Species known, or suspected to, breed in the Newark Bay Study Area are in bold italics.

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